



#11/B 8/29/02
Docket No. 0670-0248
P.B. [Signature]
11.8.02

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Takayoshi HIRAGA et al.

Serial No. 09/582,230

Filed: July 21, 2000

For: OPTICAL PICKUP DEVICE USING

HOLOGRAM PATTERN AND HOLOGRAM

PATTERN GENERATING METHOD

) Art Unit: 2872

) Examiner: A. Chang

COPY OF PAPERS
ORIGINALLY FILED

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with
The United States Postal Service with sufficient postage as First
Class Mail in an envelope addressed to: Commissioner for Patents,
Washington, D.C. 20231, on 8/15/02

AMENDMENT AFTER FINAL

Honorable Commissioner of Patents

Washington, D.C. 20231

Sir:

In response to the Office Action dated March 15, 2002 please amend the above-
identified application as follows:

IN THE CLAIMS:

✓ Please cancel claims 17-19 and amend claims 3-5 and 11-13 as follows:

3. (Twice Amended) An optical pickup device comprising:
- a single real laser light source;
 - a hologram member for diffracting light emitted from said real laser light source to form at least one imaginary laser light source; and
 - a light spot forming optical element for receiving light from said hologram member and forming a plurality of light spots on tracks of a recording medium,
- wherein hologram patterns for diffracted light are provided on said hologram member, said hologram patterns for diffracted light being determined so that diffraction light is given an inverse aberration of an aberration to be caused by the hologram member, a collimator lens and the light spot forming optical element in an optical path from said real laser light source to the recording medium, each of the hologram patterns for diffracted light corresponding to each imaginary laser light source is determined so that an intensity of a portion of the diffracted light not used for light

Entry
denied
9/1/02

B1

RECEIVED
AUG 27 2002
TECHNOLOGY CENTER 2800